



**Homeland
Security**

Department of Homeland Security 10 Print Scanner Impacts

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DHS Border Management Operations requiring 10-print capability

- **Primary Inspections Screening (US-VISIT)**
 - 2500 scanner units
 - 30 million travelers processed each year
- **Secondary Inspections Processing**
 - 600 scanner units
 - Over 250K subjects processed each year
- **Border Patrol Operations**
 - 400 scanner units
 - Over 1.2M subjects processed each year
- **ICE Enforcement Operations**
 - 250 scanner units
 - Over 300 K subjects processed each year
- **Benefits Processing**
 - 2 million persons processed each year

US-VISIT Goals

- ☐ **Enhance National Security**
- ☐ **Improve the Integrity of the Immigration Process**
- ☐ **Facilitate legitimate trade and travel**
- ☐ **Protect the privacy of our visitors**

US-VISIT Current Implementation

- ☐ **115 Air and Sea Ports of Entry**
- ☐ **165 Land Border Ports of Entry**

- ☐ **Challenges met during initial 2-print implementation at POEs**
 - **No additional personnel available**
 - **No major facility modifications possible**
 - **No increase in wait times permitted**

- ☐ **Results**
 - **No increases in wait times at air and sea POEs**
 - **Decrease in wait times at land POEs**
 - **US-VISIT operations merged smoothly into inspections process**
 - **90 thousand persons processed every day**

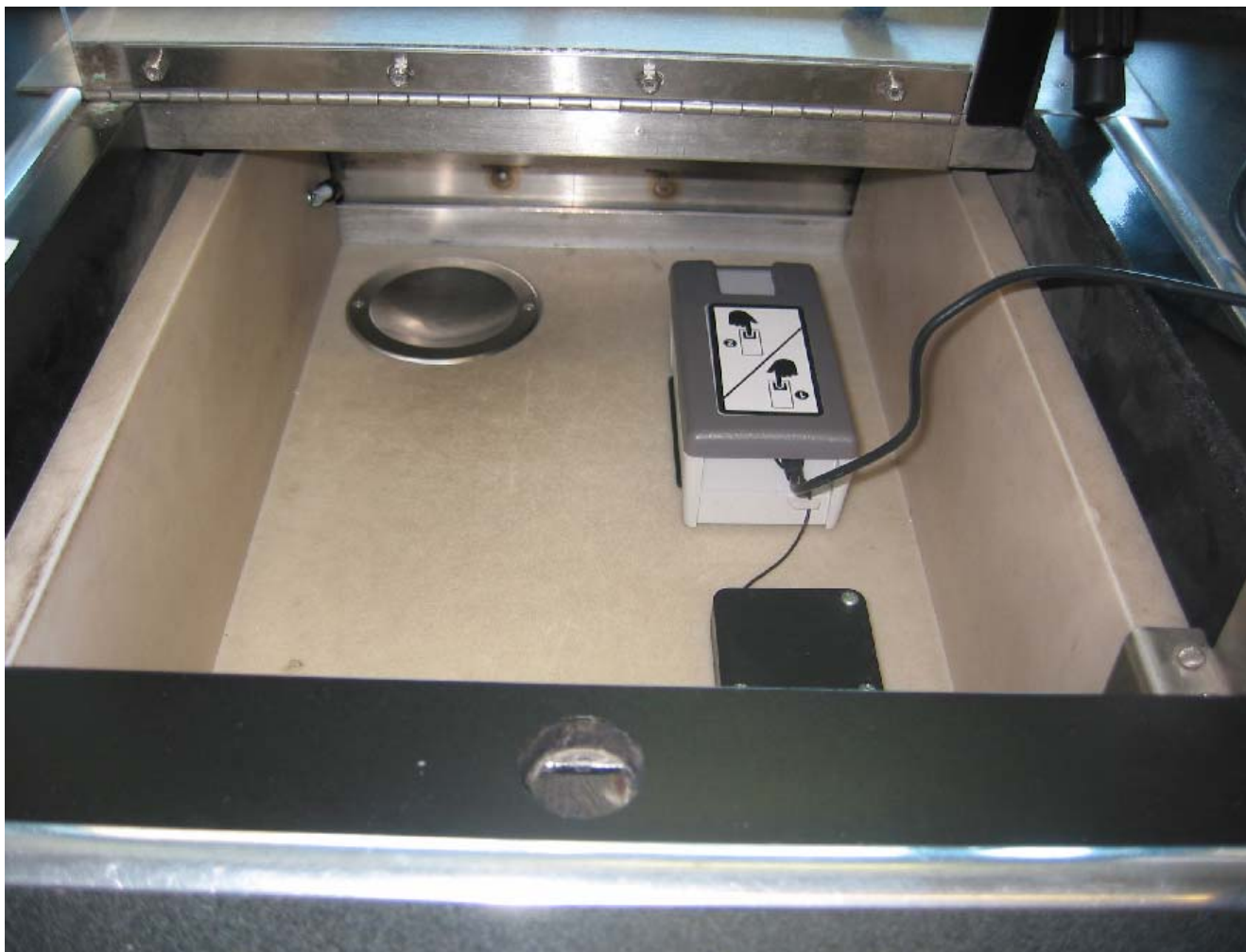
The Challenge

- ❑ **Speed**
Current capture time is measured at 12 seconds
- ❑ **Quality**
Best possible quality, at least as high as today's single-print devices
- ❑ **Size**
Small enough to fit on a typical POE lane counter top
- ❑ **Usability**
 - Light weight
 - Single data/power cable
no extra power outlet





Scanner Size Impact – height concerns



Note the Fingerprint Scanner in a drawer

Scanner Size Impact – depth concerns



Counter/fingerprint scanner (Traveler View)

Scanner Size Impact – Workspace Limited



Figure 1: Travelers View – Workstation (Typical)



Scanner Cabling Impact



**Figure 2: Inspections View – Workstation –
Handicap accessible counter made available**

Scanner Operating Environment



Figure 1: Inspections View – Workstation (Typical)
NOTE: Tray to pass fingerprint scanner and glass